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FEBRUARY 2011

Atlanta Pipeline



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**JOHN ROYDS, PE,
PRESIDENT**

Hello ASPE Atlanta.

Thanks to all who attended the January dinner meeting. The Atlanta Chapter appreciates your support. Due to a last minute scheduling conflict, we were not able to hear Enilio's perspective on Cruise Ship Plumbing Systems. Thanks to both our VP Technical (Jim Allen) and Steve Edwards, we were able to provide a great presentation. Thank Steve for stepping up and giving us a great presentation on tankless water heaters. Is tankless a word?

Please mark your calendar and plan to attend the February diner meeting at Villa Christina on February 22. Jim Allen is diligently working to reschedule the Cruise Ship Design presentation for February. Let's hope he gets that done since all indications are if Jim cannot get it rescheduled for this month, we may be seeing him in his Speedo, testing Low Flow Showerheads and User Perception. Stay tuned for details. Look for your email invitation from Cvent in your email inbox.

The Certified in Plumbing Design (CPD) Exam test dates are April 15th or 16th, 2011 at various testing sites. See <http://aspe.org/CPDCertification> for more information. The deadline to register is March 18, 2011. Our own Atlanta Chapter VP Education, Michael Causey has offered to help start up a study group. If you are interested in joining the group, please contact me, or any Board member, and we'll get the details to you. If you are a current ASPE member of the Atlanta Chapter in good standing and you pass the CPD exam, the Atlanta Chapter will reimburse your CPD exam fees.

The week of February 20-26, 2011 is designated as National Engineers Week this year. This is a time to share what we do on a daily basis with middle school, high school and college students to inform them about plumbing engineering. Please consider contacting one of your local schools and volunteering to speak about plumbing engineering. ASPE society has prepared a PowerPoint presentation which shows basic plumbing engineering and design information and provides for some interaction with the students. If you are interested, please contact Pam Newman, ASPE Education Program Coordinator at pnewman@aspe.org or 847-296-0002.

Please feel free to contact me or any of the Atlanta Chapter board members with questions or comments.

Milestone dates:

- February 22, 2011 – February Dinner Meeting at Villa Christina Restaurant – Cruise Ship Design or Low Flow Showerheads and User Perception
- March 22, 2011 – March Dinner Meeting at Villa Christina Restaurant – Turner Field Plumbing
- April 26 – April Dinner Meeting at Villa Christina Restaurant – Myth Busters – Special Plumbing Edition
- May 24, 2011 – May Dinner Meeting at Villa Christina Restaurant - 2011/2012 Chapter Officer Elections & Innovation of the Year Award
- Fall 2011 - Atlanta Chapter Golf Outing – Coming to course near you.
- October 27-30, 2011 – ASPE Technical Symposium – Orlando, Florida

FEBRUARY

Birthdays

- | | |
|-------------------------|------------------------|
| Mark Dahir | Moufdi Louah |
| Robert Hall | Jerry Loyd |
| Howard Jack | John Mays |
| Frederick Keeney | Jeff Powell |
| John LaPratt | Brad Shepherd |
| Chris Little | Vincent Stewart |

FEBRUARY

Anniversaries

- | | |
|-------------------------|---------------------------|
| Tammy Cantrell | Howard Jack |
| Michael Carley | Ronald Keszler |
| Rudolph D'Alonzo | Carroll Lynn |
| Thomas Davis | Robert Morgan |
| Mandy Fitzgerald | Charles Vandenburg |
| Clay Freels | David Woods |



CHRISTOPHER ROHLING, CPD
VP MEMBERSHIP

Now that the holidays are over its time to start getting back to work and making 2011 a very fruitful new year. Make ASPE a valuable part of your career enhancement. Come catch up on some of the new topic in our industry and meet some of the people who are helping to make these topics important. With over 200 members we have a tremendous number of members to meet and I look forward to seeing you all at our next meeting. There are also opportunities to work to being a board member. We are looking for some new talent that can help propel our chapter.

2010 was a challenging year on the membership front, but worked through it. We have great membership options for engineers and students as well as an opportunity to retain your membership with a compassion waiver. Please encourage any engineer, contractor, vendor, or wholesaler to consider joining our chapter. They will receive many rewards for joining in the form of networking and technical programs. As of last month we have moved to sixth place for membership with 201 members, but I know that we can improve our numbers. Please help in this endeavor.

If you are receiving this newsletter and have previously been a member and let your member ship lapse, please rejoin. We would love for the Atlanta Chapter to restrengthen itself and move back to third place in total membership.

A common question about membership is what to you get as an ASPE member. Here are just a few of the benefits:

- ASPE Design Handbook each year
- PS&D Magazine subscription
- ASPE Society Reports
- Members Only ASPEnet Access (Data book chapters online)
- Publication and Education Program Discounts
- Access to the ASPE Convention and Technical Symposium
- Ability to earn CEU credits at every meeting
- Networking opportunities locally and internationally
- Vendors also receive their booth for the Atlanta Technical Symposium for a \$200 discount

Our next event is the February Chapter Meeting. This will be held on February 22nd. We all hope to see you at Villa Christina.

Once again I am making a plea to our membership. I need your help to start growing our membership and retaining all of us. Please make sure you respond to society's letters and our chapter's phone calls and emails when renewing. It is critically important to keep costs down for society that we renew promptly. Thank you for continuing your membership.

I am pleased to announce that our newest member this month is Lathan Croom. He is currently working with City of Atlanta's Park and Recreation Division. Welcome back to our Chapter and we all look forward to seeing you at the next meeting.

Please be aware that ASPE has a policy that could help members that have been directly affected by the current economic situation. If you have lost your job, then you are eligible to receive three months membership at no cost. This can be renewed four times for a maximum of one year. As soon as you become employed then we simply move your membership back to its current level. If you have been affected please contact me directly and I can help get you the correct forms.

I am always open to new ideas on how to increase participation in the Atlanta Chapter. If you have new ideas in regards to membership or making our local chapter better, please do not hesitate to contact me at 770-715-9415 or at rohlince@watts.com.



STEVE E. MASTLEY, C.P.D.
VP LEGISLATIVE

Hello members. I hope that we are beginning to thaw out after the record snow fall and extreme temperatures we enjoyed in the month of January. February should be better with the onset of spring in March. I can see the light at the end of the cold weather tunnel.

As I mentioned in my article two months ago, Senate Bill 370 was the most significant legislation passed during the last legislative session. The basis of the bill was to enact and revise provisions of the law relating to water supply and water conservation at the State and Local levels. This encompasses all of the following.

Sections 5 and 6 of the proposed legislation establishes three categories of farm use surface water and ground water withdrawal permits: active, inactive, and unused.

Section 7 proposes to provide for measuring and separate charging of water to units in certain new construction. All new multiunit residential buildings permitted on or after July 1, 2012, will have to have separate water meters for each residence. The days of large residential apartment or town house complexes with a single common water meter are coming to a close with this new legislation.

Section 8 proposes amending Code Section 8-2-3 to further modify current plumbing fixture water consumption for plumbing fixtures so as to require high-efficiency toilets, shower heads, and faucets. This will apply to the installation of plumbing fixtures in new construction on projects permitted on or after July 1, 2012.

The entire text can be viewed and/or downloaded from the Department of Community Affairs (DCA) at http://www.legis.state.ga.us/legis/2009_10/versions/sb370_As_passed_Senate_7.htm.

Mark your calendars and bring a coworker for our monthly membership meeting on Tuesday, February 22, 2011.



JIM ALLEN, CPD, LEED AP
VP TECHNICAL

“Code minimum”. Those two words strike fear into the engineering community. I can hear you cringing now. “Inferior products!” you shout. “Questionable pipe sizing and questionable plumbing methods!” you complain. “Good plumbing design is NOT code minimum!” you preach from the ivory towers of plumbing knowledge. Then why is the code minimum not raised to “good plumbing design”?

As a plumbing engineer that has spent the last 5 years designing multi-family residences and mixed use occupancies, I have learned the “art” of code minimum plumbing. I was once one of those uppity engineers that blessed the world with my knowledge, after you kissed my ring. As I plunged into the world of code minimum plumbing, or close to it, I was sick for weeks on end with the continual barrage of 3” piping for water closets, price sensitive fixtures and faucets, and the constant “reworking” of my plans to a more economical design. I was ready to throw up my hands and start working again as a stripper. But then, slowly and surely I began to see that code minimum design, is just that, the minimum to get a plumbing system that actually WORKS! And the designs I was putting forth actually worked. The “inferior” products were not actually inferior, just different. (Well, some were inferior, but it caused me to do A LOT of research) I finally embraced code minimum and tried to couple it with “good plumbing design”. I realized I could more easily impact the world I was in by listening to the plumber that had been in the field for longer than I was born. Instead of preaching the calculations and materials from on high, I was engaging in educational and constructive dialog with the contractors. Information flowed freely why I designed things my way versus the way they did them. For example, one contractor thought

I would not allow the use of Cell Core PVC, just because I was one of those engineers “gold plating” the job. After I told him that the cell core had thinner walls, and it could more easily be punctured when it is rodded which could lead to odors and leaks, we came to earn a little respect for each other. I respected he wanted to keep his costs down, he respected that I really was looking out for him down the road and we compromised on solid wall PVC for the horizontals and cell core for the vent piping. It was a win/win. Yes, code minimum is sometimes a stretch, and sometimes I can teach a lesson, and sometimes I get taught a lesson. In the multi-family world, a fixture that just costs \$100 more can break the bank when you multiply it by 500 of these fixtures in a complex.

At the end of the day, it really is still the engineer’s call. I encourage you to get into the code, study it, and see what the minimum is and what needs to be improved. After all it is YOU, the plumbing engineer that makes the code. If you are not happy with the code minimum, then change the code! It’s that simple. Check with Steve Mastley, our ASPE VP Legislative, on how to make amendments and changes to the current plumbing codes.

Thanks to Steve Edwards for stepping in last month and teaching us about tankless water heaters. This month we will explore the world of tanks, from petroleum and chemical storage to grease interceptors. Unfortunately, y’all will have to wait two more months for my presentation of low-flow showerheads au naturel! We hope to see you at the Villa Christina February 22 at 6PM!



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APPLICATION FOR COMPASSION WAIVER OF SOCIETY DUES

Name _____
(First) (Middle) (Last)

Residence Address _____
(Street Address)

(City) (State) (Zip Code)

(Telephone Number with Area Code) (Fax Number with Area Code) (E-mail Address)

I Have Have not previously applied for Compassion Dues Waiver from the Society.

Time Period for Dues Deferment: From: _____ To: _____
Month/Day/Year Month/Day/Year

May not exceed a three (3)-month time period.

Reason for Request (Applicant must be specific. If out of work, indicate last position and name of company worked for.):

Certification by Member Requesting Compassion Dues Waiver

The undersigned certifies that all statements made herein are true and, if granted a deferment and waiver of the Society dues, agrees to abide by the conditions stated herein.

Signature of Member

Date

Certification of Chapter President (or, for at-large members, Society Vice-President, Membership)

The undersigned certifies that all statements made herein by the applicant are true and requests that the member be granted a deferment and waiver of the Society dues for the period stated herein.

Signature of Chapter President (Society Vice-President, Membership)

Date

COMPASSION WAIVER OF SOCIETY DUES POLICY

Any member of ASPE may request, through the individual's Chapter President or, for the at-large member, the Society's Vice-President, Membership, a Compassion Waiver of Dues. At the discretion of the Society's Board of Directors, a Compassion Waiver of Dues may be made available to any member of the Society who has been out of work for a period of three (3) months or more or has otherwise suffered a grievous reduction in income due to illness, disability or the like and is unable to pay the annual Society dues amount.

A Compassion Waiver of Dues will only be granted for a maximum of a three (3) month increment, with a maximum amount of four (4) waiver renewals permitted. Each Compassion Waiver of Dues request must be submitted on a Request for Dues Waiver form (see following page) and the form must be signed by the appropriate Chapter President (or Society Vice-President, Membership) for each dues waiver renewal request. It shall be the responsibility of the member and the Chapter President to immediately inform the Society's Membership Services Manager or Executive Director when the condition for which the Compassion Waiver of Dues has been granted ceases to exist.

The annual dues payment for a member granted a Compassion Waiver of Dues shall be deferred during the waiver period. Furthermore, the amount of annual dues that shall be considered outstanding and due by the member at the end of the waiver period shall be reduced by multiplying the annual dues amount that has been deferred by 1 minus the decimal percent calculated by dividing the number of months of the granted waiver period(s) by 12. Each member granted a Compassion Waiver of Dues shall continue to enjoy all benefits of Society membership; retain the rights to his/her membership number; be retained on the Society's rolls with his/her original starting membership date.

During the period that a member has been granted the Compassion Waiver of Dues, the individual will not be eligible to receive any revised or new *Duets Bossé* volumes, the member will not be included in the chapter Delegate count for the convention and, as there are no dues being paid, there will be no dues rebate to the chapter for that member.



Sales/Marketing Opportunities For Manufacturers And Representatives And Engineers.

THE ATLANTA CHAPTER BOARD IS ANNOUNCING FIVE DIFFERENT TYPES OF OPPORTUNITIES FOR REPS AND/OR MANUFACTURERS WANTING TO PROMOTE THEIR PRODUCT LINES:

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- 4). **ASPE ATLANTA CHAPTER PRODUCT SHOW:**
\$500/BOOTH ASPE MEMBERS
\$650/BOOTH NON-ASPE MEMBERS.
- 5). **EMPLOYMENT ADS:**
\$50/Ad.

Meeting Times

FOURTH TUESDAY OF EACH MONTH
September — May

- Social ----- 6-7 pm
- Dinner ----- 7-7:30 pm
- Business ----- 7:30-7:45 pm
- Program ----- 7:45-8:45 pm

Dinner Prices

- Members with pre-registration ----- \$25
- Non members/members at the door ----- \$30



Make sure to check out this month's issue of Plumbing Systems & Design Magazine. For more information, visit their website:

www.psdmagazine.org

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newsletter editor: **DAVID WOODS**
A S P E Atlanta Chapter

THE AMERICAN SOCIETY OF PLUMBING ENGINEERS IS DEDICATED TO FURTHERING THE INTERESTS OF ITS MEMBERS AND IMPROVING THE PROFESSION AND PRACTICE OF PLUMBING ENGINEERING. INDIVIDUALS IN RELATED INDUSTRIES AND PROFESSION ARE INVITED TO BECOME MEMBERS OF ASPE AND THE ATLANTA CHAPTER. INQUIRIES CONCERNING MEMBERSHIP OR GENERAL INFORMATION MAY BE DIRECTED TO CHAPTER OFFICERS AS LISTED ON THE FRONT PAGE OF THIS NEWSLETTER.

TECHNICAL PROGRAMS 2010-2011

Date	Programs
SEPTEMBER 28/20109 • Dinner	Water Theaters and Interactive Fountains
OCTOBER 19/2010 • Dinner	From Alligators to Peanuts - Plumbing Challenges in Georgia Agriculture
NOVEMBER 15/2010 • Dinner	PRODUCT SHOW Hands on Plumbing!
DECEMBER 28/2010 • Dinner	Rainwater Harvesting
JANUARY 25/2011 • Dinner	Cruise Ship design and Desalinization
FEBRUARY 22/2011 • Dinner	Low Flow Showerheads & End User Perceptions
MARCH 22/2011 • Dinner	Plumbing Turner Field
APRIL 26/2011 • Dinner	Mythbusters – Special Plumbing Edition
MAY 24/2011 • Dinner	Innovation of the Year Award Program Chapter Officer Elections
JUNE 22/2011 •	Annual Golf Outing



directions

Villa Christina Restaurant at Perimeter Summit
 4000 Summit Boulevard • Atlanta, GA 30319

FROM GA 400:

Take I-285 East to Ashford Dunwoody Road (Exit 29). Stay in the far right hand lane, which will put you onto Lake Hearn Drive. At first traffic light turn LEFT onto Parkside Place. Travel one block and turn RIGHT onto Perimeter Summit Drive (into the Perimeter Summit Complex). At the stop sign, turn LEFT onto Summit Boulevard. Villa Christina is the last building on the LEFT.

FROM I-85 & I-285 (Spaghetti Junction):

Take I-285 West to Ashford Ddunwoody Road (Exit 29) and turn LEFT. Crossover I-285. At the first traffic light and turn RIGHT onto Lake Hearn Drive. At next traffic light turn LEFT onto Parkside Place. Travel one block and turn RIGHT onto Perimeter Summit Drive (into the Perimeter Summit Complex). At the stop sign, turn LEFT onto Summit Boulevard. Villa Christina is the last building on the LEFT.

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